IN THE UNITED STATES PATENT AND TRADEMARK OFFICE ECEIVED

CENTRAL FAX CENTER

Applicants:

Danny S. Barlow

Title:

SELF-ADJUSTING SCHMITT TRIGGER

JUL 2 8 2005

Application No.:

10/815,403

Filing Date:

March 31, 2004

Examiner:

My Trang Ton

Group Art Unit:

2816

Docket No.:

M-15325 US

Confirmation No.

7974

Irvine, California July 28, 2005

Via Facsimile to (571) 273-8300

Mail Stop AMENDMENT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

CERTIFICATION OF FACSIMILE TRANSMISSION

I hereby certify that the following documents are being facsimile transmitted to the U.S. Patent and Trademark Office on the date shown below:

- 1) Amendment Transmittal Letter; and
- 2) Response to Office Action, including Replacement Sheets (4)

Dated: 7-28- , 2005

Saundra L Carr

Number of pages (including this sheet): _

MacPherson Kwok Chen & Heid LLP 1762 Technology Drive, Suite 226 San Jose, CA 95110

Telephone: (949) 752-7040

Fax: (408) 392-9262 and (949) 752-7049

law offices of Biacpherson Kwok Chim A heid Lla

1762 TECHNIOLOGY DRIVE SUITE 226 SAN JOSS. CA 95110 (940) 752-7040 PAX (401) 392-2262

Fax to USPTO

MacPherson Kwok Chen & Heid LLP

1762 Technology Drive, Suite 226

San Jose, CA 95110

Tel. (408) 392-9250 Fax (408) 392-9262 2402 Michelson Drive, Suite 210

Irvine, CA 92612 Tel. (949) 752-7040 Fax (949) 752-7049

Email: mailbox@ macpherson-kwok.com

RECEIVED CENTRAL FAX CENTER JUL 2 8 2005

July 28, 2005

Via Facsimile to (571) 273-8300

Mail Stop AMENDMENT Commissioner for Patents P.O. Box 1450 Alexandria, VA. 22313-1450

Re:

X

Applicants:

Danny S. Barlow

Title:

Self-Adjusting Schmitt Trigger

Application No.:

10/815,403 My Trang Ton

Filing Date: Group Art Unit: March 31, 2004

Examiner: Docket No .:

M-15325 US

Confirmation No.:

2816 7974

Dear Sir:

Transmitted herewith is an Am	endment for the above	~identified application:
-------------------------------	-----------------------	--------------------------

Applicant claims SMALL ENTITY

 \boxtimes APPLICANT(s) PETITIONS FOR AN EXTENSION OF TIME AS INDICATED BELOW:

EXTENSION (months)	FE	E FOR SMALL ENTITY	FEE FOR LARGE ENTITY			
1 month		\$60.00	×	\$120.00		
2 months		\$225.00		\$450.00		
3 months		\$510.00		\$1,020.00		
4 months		\$795.00		\$1,590.00		
5 months		\$1,080.00		\$2,160.00		
If an additional extension of ti	me is rec	quired, please consider this	a petition			

THE FEES FOR CLAIMS HAS BEEN CALCULATED AS SHOWN BELOW:

		~						
Claims	20		20	=	0	x	\$50.00	\$.00
ndent Claims	3	•	3	=	0	х	\$200.00	\$.00
le Dependent Claims	\$360	(if a	pplicab	le)				\$.00
Total Claim Calculation	8		_		•			\$.00
tion by 1/2 for Claiming Small	Entity Status.							\$.00
L CLAIM FEES SUBMIT	ted herewi	TH				•		\$.00
Please charge the fees set	forth above to o	ur Depos	sit Acco	ount N	lo. 50-2	257 in th	e amount of	\$120.00
		and cred	it any o	veгра	yment to	>		
	ndent Claims le Dependent Claims Total Claim Calculation ion by % for Claiming Small L CLAIM FEES SUBMIT Please charge the fees set Also, charge any addition	Indent Claims 3 Independent Claims \$360 Total Claim Calculations It on by % for Claiming Small Entity Status. L CLAIM FEES SUBMITTED HEREWITH Please charge the fees set forth above to o	Indent Claims 3 - Is Dependent Claims \$360 (if a Total Claim Calculations ion by 1/2 for Claiming Small Entity Status. L CLAIM FEES SUBMITTED HEREWITH Please charge the fees set forth above to our Depos	Indent Claims 1 Safe Dependent Claims Total Claim Calculations 1 Safe Dependent Claims Total Claim Calculations 1 Safe Dependent Claims Safe Dependent Cla	Indent Claims 1	Indent Claims 1	Indent Claims 3 - 3 = 0 x In Dependent Claims \$360 (if applicable) Total Claim Calculations ion by ½ for Claiming Small Entity Status. L CLAIM FEES SUBMITTED HEREWITH Please charge the fees set forth above to our Deposit Account No. 50-2257 in the Also, charge any additional fees required and credit any overpayment to	Indent Claims 3 - 3 = 0 x \$200.00 In Dependent Claims \$360 (if applicable) Total Claim Calculations It on by ½ for Claiming Small Entity Status. L CLAIM FEES SUBMITTED HEREWITH Please charge the fees set forth above to our Deposit Account No. 50-2257 in the amount of Also, charge any additional fees required and credit any overpayment to

Certification of Facsimile Transmission

I hereby certify that this paper is being facsimile transmitted to the U.S. Patent and Trademark Office on the date shown below.

Date of Signature

Jonathan W. Hallman Attorney for Applicants Reg. No. 42,622

Respectfully submitted,

Tel.: (949) 752-7040

RECEIVED OIPE/IAP

JUL 2 9 2005

PAGE 2/20 * RCVD AT 7/28/2005 7:09:39 PM [Eastern Daylight Time] * SVR:USPTO-EFXRF-6/24 * DNIS:2738300 * CSID:9497527049 * DURATION (mm-ss):04-04

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE CEIVED

Applicant(s):

Danny S. Barlow

CENTRAL FAX CENTER

Assignee:

Lattice Semiconductor Corporation

JUL 2.8 2005

Title:

Self-Adjusting Schmitt Trigger

Serial No.:

10/815,403

Filing Date:

March 31, 2004

Examiner:

Ton, My Trang

Group Art

Unit:

2816

Docket No.:

M-15325 US

Irvine, California July 28, 2005

Mail Stop Amendment Commissioner for Patents P,O. Box 1450 Alexandria, VA 22313-1450

RESPONSE TO OFFICE ACTION

Dear Sir:

In response to the Office Action dated April 4, 2005, Applicants submit the following amendments and remarks.

LAW OFFICES OF MACPHERSON KWOK CHEN & HEID LLP

2402 Micheton Orive SUITE 210 India: CA 42612 (949) 752-7040

-1

Serial No.

10/815,403